

Title (en)

IMAGING SYSTEM INCLUDES IMAGING PROBE AND DELIVERY DEVICES

Title (de)

ABBILDUNGSSYSTEM MIT BILDGEBENDER SONDE UND ABGABEVORRICHTUNGEN

Title (fr)

SYSTÈME D'IMAGERIE COMPORTANT UNE SONDE D'IMAGERIE ET DES DISPOSITIFS D'ADMINISTRATION

Publication

**EP 3344126 A4 20190508 (EN)**

Application

**EP 16842796 A 20160830**

Priority

- US 201562212173 P 20150831
- US 201662368387 P 20160729
- US 2016049415 W 20160830

Abstract (en)

[origin: WO2017040484A1] An imaging system is provided comprising an imaging probe and at least one delivery device. The imaging probe comprises an elongate shaft, a rotatable optical core and an optical assembly. The elongate shaft comprises a proximal end, a distal portion, and a lumen extending between the proximal end and the distal portion. The rotatable optical core is positioned within the lumen of the elongate shaft and comprises a proximal end and a distal end. The rotatable optical core is configured to optically and mechanically connect with an interface unit. The optical assembly is positioned in the elongate shaft distal portion and proximate the rotatable optical core distal end. The optical assembly is configured to direct light to tissue and collect reflected light from the tissue. The imaging probe is constructed and arranged to collect image data from a patient site. The delivery device is constructed to engage the imaging probe.

IPC 8 full level

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CPC (source: EP US)

**A61B 1/05** (2013.01 - US); **A61B 1/0676** (2013.01 - US); **A61B 5/0066** (2013.01 - EP US); **A61B 5/0084** (2013.01 - EP US); **A61B 17/00234** (2013.01 - US); **A61B 5/0073** (2013.01 - EP US); **A61B 5/01** (2013.01 - EP US); **A61B 5/021** (2013.01 - EP US); **A61B 6/12** (2013.01 - EP US); **A61B 6/487** (2013.01 - EP US); **A61B 8/06** (2013.01 - EP US); **A61B 8/12** (2013.01 - EP US); **A61B 2017/00336** (2013.01 - US); **A61B 2017/0034** (2013.01 - US); **A61B 2562/0233** (2013.01 - EP US); **H04N 23/555** (2023.01 - US); **H04N 23/56** (2023.01 - US)

Citation (search report)

- [X1] WO 2006024015 A1 20060302 - GEN HOSPITAL CORP [US], et al
- [X1] US 2010249601 A1 20100930 - COURTNEY BRIAN KENT [CA]
- [X1] US 2014276108 A1 20140918 - VERTIKOV ANDREI [US]
- [A] GB 2512077 A 20140924 - UNIV ERASMUS MEDICAL CT [NL]
- See also references of WO 2017040484A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

**US 2016049415 W 20160830**; EP 16842796 A 20160830; JP 2018510969 A 20160830; JP 2021117103 A 20210715; JP 2023210219 A 20231213; US 201615751570 A 20160830; US 202016820991 A 20200317; US 202117350021 A 20210617; US 202318096678 A 20230113